

starting motor or ignition system) provided such additional use will not adversely affect the required capabilities of the battery. All circuits connected to the battery must be independently fused.

(c) The battery must be kept charged at all times while at sea. The charging of the battery must not require its removal from the survival craft in which it is installed. The necessary charging equipment must not interfere with the launching of the survival craft, and must be easily and quickly removable. The charging circuit for the battery must be routed through the radiotelegraph operating room, and include a device located in the radiotelegraph operating room which will give continuous indication of the polarity and the rate of charge.

(d) Installation must provide for charging of the battery by means of a generator on the survival craft engine.

(e) Subject to approval of the United States Coast Guard, the battery must be mounted in a suitable container that will provide protection from salt water spray and also allow proper ventilation.

**§ 80.831 Survival craft portable radiotelegraph equipment.**

(a) Survival craft portable radiotelegraph equipment required by law to be provided must be type accepted by the Commission as capable of meeting the provisions of §§ 80.263 and 80.265.

(b) The equipment must be stowed in the radio room, bridge or a protected location near a lifeboat and be readily accessible for transfer to a lifeboat. However, in tankers of 3,000 gross tons and over in which lifeboats are fitted amidships and aft, this equipment must be kept in a suitable place in the vicinity of those lifeboats which are farthest away from the ship's main transmitter.

(c) Equipment for totally enclosed lifeboats must meet the extra requirements specified in § 80.265.

**§ 80.832 Tests of survival craft radio equipment.**

(a) Except for emergency position indicating radio beacons and two-way radiotelephone equipment, inspections

and tests of survival craft radio equipment must be conducted by the licensee at weekly intervals while the ship is at sea or, if a test or inspection has not been conducted within a week prior to its departure, within 24 hours prior to the ship's departure from a port. The inspection and tests must include operation of the transmitter connected to an artificial antenna and determination of the specific gravity or voltage under normal load of any batteries.

(b) When the ship is in a harbor or port of the United States an authorized representative of the Commission may require:

(1) Inspection and test of the survival craft radio equipment in the survival craft afloat, including an operational test of the transmitter and receiver connected to the required antenna to determine that the equipment is in operating condition;

(2) Demonstration in accordance with § 80.808 that a battery used as a part of the survival craft nonportable radio installation is capable of energizing the installation for the required 6 hours.

(c) The results of the inspections and test must be made known to the master, and be entered in the ship's radio station log, or in the ship's log if the ship is not provided with a radio station.

**§ 80.833 Class S survival craft emergency position indicating radiobeacons (EPIRB's).**

(a) Survival craft emergency position indicating radiobeacons, Class S, required to comply with title 46 of the Code of Federal Regulations must be type accepted to meet the provisions of § 80.1059.

(b) The Class S EPIRB must be stowed in the survival craft.

(c) The Class S EPIRB must be tested at intervals not to exceed twelve months.

(d) Batteries must be replaced after the date specified in § 80.1053(e), or after the transmitter has been used in an emergency situation, whichever is earlier.